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UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE

Yellowstone NATIONAL PARK

	ROGERS	
✓	JOHNSTON	
✓	JOFFE	
✓	ANDERSON	
	STANTON	
	CHOOP	
	FULLER	
✓	[illegible]	
✓	CONDON	
✓	SKINNER	
	EVANS	
	CHAPMAN	
✓	KITTAMS	
✓	WOHLBRANDT	
	ROBINSON	
	WIGGINS	
	SEASHOLTZ	

FILE NO. 207-02.3

SUPERINTENDENT'S MONTHLY REPORT

DECEMBER 1948

IMPORTANT

This file constitutes a part of the official records of the ational Park Service and should not be separated or papers thdrawn without express authority of the official in charge. All Files should be returned promptly to the File Room. Officials and employees will be held responsible for failure observe these rules, which are necessary to protect the tegrity of the official records.

NEWTON B. DRURY,
Director.

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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the Superintendent

Summary of the December 1948 Monthly Narrative Report for
YELLOWSTONE NATIONAL PARK

		Page
WEATHER:	Unusual amount of snowfall. Sub-zero temperatures. Snow depth close of month Mammoth 12", Snake River 47". Minimum at Mammoth -23°, at West Yellowstone -45°.	1
SPECIAL ACTIVITIES:	Supt. Rogers in Denver and on assignment to Omaha. On annual leave from 20th. Johnston Acting Supt. Johnston and Wohlbrandt to Billings to interview Engineer applicant, etc. Johnston, Joffe, Condon and Wilcox to Rotary in Livingston. Johnston, Seasholtz, Monteith and Egger to Bozeman re. bringing Montana Power into park. Joffe, Skinner, Condon, Evans and Kittams to Park County Rod & Gun Club meeting, Livingston; Condon showed pictures and spoke. Johnston on annual leave last week of month; Joffe Acting Supt. Many employees on annual leave over holidays.	1
	Local Civil Service Board gave Clerk CAF-5-6 exam. Weekly staff meetings for division heads started. 1948 Supt. Annual Report prepared and distributed.	2
INSPECTIONS:	C. D. Monteith, Washington, and Levi H. Rupp, Glacier, in.	2
PLANS, MAPS AND SURVEYS:	Preparation of annual road estimates. Park Engineer on annual leave last half month. No success in filling Engineer P&S-3 position. Landscape Architect spent most of month preparing West Thumb master plan sheets and coloring prints for distribution. Made 4-day trip to Teton. Time spent preparing cabinet plans for Glacier residential use.	2
PUBLICITY:	Annual report prepared. 47,800 Yellowstone 1947 broadsides on hand.	2
MAINTENANCE:	Heavy snowfall and drifting caused continuous snowplowing and sanding. May cause serious shortage of already limited funds for spring maintanance.	2

Form 10-C

UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the superintendent

Summary of the Summer 1942 Monthly Narrative Report for
YELLOWSTONE NATIONAL PARK

Page

INTRODUCTION: General season of operation. Attendance statistics. Low water level of Yellowstone Lake. Fire danger rating "B". Park alert "A". Fishing regulations changed "C", or "Best Yellowstone -C". 1

SPECIAL ACTIVITIES: Park. Reports to Denver and on assignment to Washington on annual leave from CCMR. Information service. Labor-management and morale. Attendance to interpretive regulatory problems, etc. Insurance, safety, tourist and allied to industry in Yellowstone. Concessions, concessioners, municipalities and leases to Sawmill and Lake Hotel. Yellowstone Park Lodge park. Safety, fire, [illegible] Grants and attempts to work through use of the [illegible] meeting. Lighting; Lodge stores [illegible] [illegible]. Concession on general leave [illegible] [illegible] Active Lodge [illegible]. Many [illegible] on annual leave [illegible] holidays. 1

Local Civil Service Board gave [illegible] [illegible] Tuesday, which meetings for [illegible] [illegible] [illegible] 1942 [illegible]. [illegible] Report prepared and distributed. [illegible]

INSPECTIONS: C. O. Rockwell, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]. 1

FIRE, WEED AND [illegible]: Preparation of annual road [illegible]. [illegible] [illegible] on [illegible]. Lower Lake half moon. [illegible] in [illegible] [illegible] [illegible]. [illegible] [illegible] [illegible] [illegible] [illegible]

		Page
NEW CONSTRUCTION:	Road construction discontinued for winter. PCP proposal forms prepared by FRA on changing Old Faithful swimming pool site. Final acceptance recommendations made project South Approach Road. Installation progressing on new furnace, Canteen building. Small amount lumber received for wooden walks.	3
CONCESSIONERS:	Visits to park by Mr. and Mrs. Haynes.	3
IN-SERVICE TRAINING:	Employees and community kept advised of happenings by Yellowstone Weekly News Letter.	3
INTERPRETIVE SERVICES:	Talk given by Park Naturalist to Rod and Gun Club, Livingston, and kodaslides shown.	3
MUSEUM ACTIVITIES AND EXHIBITS:	Check being made of all accessioned and catalogued museum items.	3
RESEARCH AND OBSERVATION:	Place names research, special letter on Steamship Zillah, library reference work, and preparation of elaborate statistical chart on use of interpretive facilities by public.	3
INCREASE OR DECREASE IN TRAVEL:	Travel on road to Northeast Entrance only. 1197 visitors in 406 vehicles compared to 657 visitors in 254 vehicles for December last year.	3
RANGER SERVICE:	Various hunting patrols, ski patrols, highway patrols, ski-plane patrol, operation of game checking station at Tepee Creek, special reports, repair of riding and pack equipment, snow surveys, entrance station duties, in-service training outlines. Many on annual leave. Robert H. Robinson on leave without pay to complete college.	4
LAW ENFORCEMENT:	Two boys, minors, apprehended for illegal killing of deer.	4
WILDLIFE AND FISH CULTURAL ACTIVITIES: ANTELOPE:	In lowest winter ranges. Those ranging north of park boundary disturbed by elk hunters. One illegally killed.	4
BIGHORN:	Observed normally. One illegally killed.	4
COYOTES:	3 tagged coyotes taken. Some killing fawn deer.	4
DEER:	Not numerous on normal winter ranges. Many moved outside park. Large number illegally killed outside.	5

NEW CONSTRUCTION:	Road construction discontinued for winter. NPS proposal form prepared by TRA on changing old faithful swimming pool site. Final acceptance recommendations made project South approach road. Installation processing on new furnace, Canteen building. Small amount lumber received for wooden walks.	5
CONCESSIONERS:	Visits to park by Mr. and Mrs. Dayton.	5
IN-SERVICE TRAINING:	Employees and community kept advised of happenings by Yellowstone Weekly News Letter.	5
INTERPRETIVE SERVICES:	Talk given by Park Naturalist to Ind and Gun Club, Livingston, and Kodaslides shown.	5
MUSEUM ACTIVITIES AND EXHIBITS:	Check being made of all accessioned and catalogued museum items.	5
RESEARCH AND OBSERVATION:	Place names research, special letter on Shoreship Zillich, library reference work, and preparation of elaborate statistical chart on use of interpretive facilities by public.	5
INCREASE OR DECREASE IN TRAVEL:	Travel on road to Northeast entrance only. 1197 visitors in 406 vehicles compared to 857 visitors in 234 vehicles for December last year.	5
RANGER SERVICE:	Various hunting patrols, sal patrols, highway patrols, ski-plane patrol, operation of game checking station at Tepee Creek, special reports, repair of riding and pack equipment, snow surveys, entrance station duties, in-service training outlines. Many on annual leave. Robert E. Robinson on leave without pay to complete college.	5
LAW ENFORCEMENT:	Two boys, minors, apprehended for illegal killing of deer.	4
WILDLIFE AND HIGH CULTURAL ACTIVITIES: ANTELOPE:	In lowest winter ranges. Those ranging north of park boundary disturbed by elk hunters. One illegally killed.	4
SIGNORS:	Observed normally. One illegally killed.	5
COYOTES:	3 tagged coyotes taken. Some killing fawn deer.	4
DEER:	Not numerous on normal winter ranges. Many moved outside park. Large number illegally killed outside.	5

		Page
ELK:	Migrations to lower ranges and outside areas. Hunting season in upper Gallatin area closed December 1 with 466 taken. Season closed January 4 in Gardiner area with 2,268 taken.	5
FOREST FIRE PROTECTION:	Annual Forestry Report completed with exception of campground portion. Some work in fire cache.	5
TRAIL MAINTENANCE:	Trail estimates for 1950 F.Y. completed and submitted to Park Engineer.	5
GRAZING:	"Grazing of Pack and Saddle Stock" report prepared.	6
INSECTS AND TREE DISEASES:	Correspondence from Bureau of Entomology and Plant Quarantine indicates instigation of spring work on June 13.	6
ACCIDENTS:	Two vehicle accidents during month, both minor. Frank Hirst fractured ankle while skiing.	6
PERSONNEL:	Services of Lucinda Bolt, Clerk-Steno., CAF-3, Janet Evans, Clerk-Typist, CAF-3, and George Wheeler, Storekeeper, CAF-3, all seasonal, terminated. Transfer and promotion of Charles C. Schmid from Region Two Office to Storekeeper (General), CAF-6, approved, to arrive Yellowstone Jan. 10, after leave. Half holiday 24th. Curtis K. Skinner, Chief Park Ranger, CAF-9, promoted to CAF-11; position reallocated. Lawrence W. Vickrey entered on duty as Fiscal Accounting Clerk, CAF-4.	6
BIRTHS:	Son born to Mr. & Mrs. Wm. S. Chapman.	6
MISCELLANEOUS:	PTA conducted white elephant sale.	6
	Regular meeting of F.E.U. F.E.U. sponsored New Year's party. Christmas program by grade school children; candy, etc., distributed. Program by Sunday School Christmas Eve.	7

Yellowstone Park Library

		Page
ELK:	Migrations to lower ranges and outside areas. Hunting season in upper Gallatin area closed December 1 with 455 taken. Season closed January 4 in Gardiner area with 2,255 taken.	5
FOREST FIRE PROTECTION:	Annual Treasury report completed with exception of campground portion. Some work in fire cache.	5
TRAIL MAINTENANCE:	Trail estimates for 1950 F.Y. completed and submitted to Park Engineer.	5
GRAZING:	"Grazing of Pack and Saddle Stock" report prepared.	6
INSECTS AND TREE DISEASES:	Correspondence from Bureau of Entomology and Plant Quarantine indicates instigation of spring work on June 15.	6
ACCIDENTS:	Two vehicle accidents during month, both minor. Frank Hirst fractured ankle while skiing.	6
PERSONNEL:	Services of Lucinda Bolt, Clerk-Steno., CAF-5, Janet Evans, Clerk-Typist, CAF-3, and George Sheeler, Storekeeper, CAF-3, all seasonal, terminated. Transfer and promotion of Charles C. Schmid from Region Two Office to Storekeeper (General), CAF-6, approved, to arrive Yellowstone Jan. 10, after leave. Half holiday 24th. Curtis K. Skinner, Chief Park Ranger, CAF-9, promoted to CAF-11; position reallocated. Lawrence W. Vickrey entered on duty as Fiscal Accounting Clerk, CAF-4.	6
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UNITED STATES

DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
Yellowstone National Park
Yellowstone Park, Wyoming

Office of the Superintendent

January 6, 1949.

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of December 1948.

Weather Conditions. The weather for the month of December was marked by an unusual amount of snowfall and with sub-zero temperatures. The greatest amount of precipitation occurred during the first two weeks of the month, followed by clearing weather and sub-zero temperatures. Total precipitation in Mammoth for the month was 2.01 inches as compared with 0.74 inches in 1947, 1.11 inches in 1946, 1.15 inches in 1945, 0.34 inches in 1944 and 0.58 inches in 1943. The snow depth at Mammoth at the close of the month was 12 inches with 47 inches recorded at Snake River. On twelve days of the month sub-zero temperatures were recorded at Mammoth with a minimum of -24 degrees on December 23. On the same date West Yellowstone recorded a temperature reading of -45 degrees. Fourteen days of the month were cloudy, 11 days partly cloudy with 6 days recorded as clear.

Special Activities. Superintendent Rogers was in Denver from December 1 to 5, on which latter date he left for Omaha for conferences on Yellowstone matters with the Regional Director and Region Two officials. He returned to Denver on the 12th where he was engaged on Yellowstone matters. He was on annual leave from December 20 to the end of the month. Assistant Superintendent Johnston was Acting Superintendent during his absence from the Yellowstone.

Acting Superintendent Johnston and Park Engineer Wohlbrandt were in Billings on December 2 to interview an applicant for the position of Engineer P&S-3 and on other park matters. Messrs Johnston, Joffe, Condon and Judge Wilcox attended Rotary in Livingston on December 6. On December 16 Messrs. Johnston and Seasholtz and Electrical Engineer C. D. Monteith, and John Egger, Engineer for the Yellowstone Park Company, went to Bozeman for a conference with Montana Power Company officials in connection with bringing Montana power into the park. On the evening of the same day Messrs. Joffe, Skinner, Condon, Evans and Kittams attended the annual meeting of the Park County Rod and Gun Club in Livingston. Mr. Condon showed park pictures and gave a talk on the Yellowstone. Mr. Johnston was on annual leave from December 27 to 31, inclusive. During his absence Mr. Joffe was Acting Superintendent.

Many of the park employees as is usual at this time of the year took annual leave over the holidays and the park was operated with a greatly reduced staff.

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Yellowstone Park, Wyoming

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January 6, 1940

MEMORANDUM for the Director.

Following is the report of activities for Yellowstone National Park during the month of December 1939.

Weather Conditions. The weather for the month of December was marked by an unusual amount of snowfall and with sub-zero temperatures. The greater part of precipitation occurred during the first two weeks of the month, followed by alternating weather and moderate temperatures. Total precipitation in March for the month was 2.31 inches as compared with 0.75 inches in 1938, 1.11 inches in 1937, 1.15 inches in 1936, 0.45 inches in 1935 and 0.00 inches in 1934. The mean depth on the ground at the close of the month was 16 inches with 17 inches recorded at Mammoth Hotel. On twelve days of the month sub-zero temperatures were recorded at Mammoth with a minimum of -6, degrees on December 23. On the same date Fort Yellowstone recorded a temperature reading of -15 degrees. Fourteen days of the month were cloudy, 11 days partly cloudy with 6 days recorded as clear.

Special Activities. Superintendent Rogers was in Denver from December 1 to 5, on which latter date he left for Washington on conference on Yellowstone matters with the Regional Director and Washington officials. He returned to Denver on the 14th where he was engaged on Yellowstone matters. He was on annual leave from December 20 to the end of the month. Assistant Superintendent Lemaire was acting Superintendent during his absence from the Yellowstone.

Acting Superintendent Lemaire and Park Engineer Chambers were in Billings on December 2 to interview an applicant for the position of Engineer-Ranger and on other park matters. Ranger Hamilton, Acting Lodge and Cottage Officer extended Estelle Ellingson on leave to Oregon. Mr Brewster to Pocatello, Idaho and Washington and Canadian points. Mr Merchant and Mr Yager, Engineer for the Yellowstone Park Company, went to Lexington and conferred with Kentucky Power Company officials in connection with bringing Montana power into the park. In the evening of the same day Messrs. Lemaire, Chamber, Gordon, Evans and Mistress attended the annual meeting of the Park County 4-H and Club in Livingston. Mr. Gordon showed a movie picture and gave a talk on the Yellowstone. Mr. Johnston was on annual leave from noon for 27 to 31, inclusive. During his absence Mr. Lorff was acting superintendent.

Many of the park employees as is usual at this time of the year took annual leave over the holidays and the park was operated with a greatly reduced staff.

The Local Civil Service Board held an examination on December 9 for Clerk CAF-5 and 6, at which there were twelve competitors. Chief Clerk Anderson, a member of the Board, conducted the examination.

The holding of weekly staff meetings for Yellowstone division heads was started on December 14. Such meetings are to be held each Tuesday in the future for the purpose of discussing various matters affecting the park and its organization.

The cutting of stencils for the 1948 Annual Report of the Superintendent was begun on December 15. The report was multilithed and copies were distributed December 22 to the Director, Regional Director, all division heads, the Yellowstone Library and to collectors of Yellowstone literature.

Inspections. C. D. Monteith, Electrical Engineer, National Park Service, Washington, D. C., in December 13, out 16. Levi H. Rupp, Electrical Foreman, Glacier National Park, in December 7, out 9.

Plans, Maps and Surveys. Considerable time during the month was spent in the preparation of the annual road estimates. The Park Engineer was on annual leave most of the latter half of the month. The park has had no success to date in filling the vacancy in the position of Engineer, P&S-3 which was vacated by the resignation of Aubrey L. Haines on September 17, 1948. Resident Landscape Architect Mattson spent the greater portion of the month on the preparation of the West Thumb master plan sheets and the coloring and transmittal of the prints for distribution to the Regional Office and the concessioners. He spent four days on a trip to Grand Teton and one and one-half days was spent in preparing cabinet plans for residential use in Glacier.

Publicity. No press releases were issued from the park during the month. The 1948 Annual Report of the Superintendent was multilithed and distributed.

A total of 47,800 Yellowstone broadsides for 1947 remained on hand at the end of the month.

Maintenance. The winter has been especially severe beginning about the first of November with heavy snow and unusually high winds. Snow plowing has been nearly a continuous operation and the sanding of icy hills has been much above normal operations. By the alternate operation of plows and graders it has been possible to keep the roads in fairly good condition. If weather conditions continue to be as severe our snowplow operations will be far above normal this season. This is rather serious as there is already quite a shortage of spring maintenance funds. From January 1 to July 1, 1947, approximately $89,600 was spent and for the same period in 1948 approximately $112,000; for the same period this year there is available about $65,000.

Yellowstone Nat'l. Wyoming

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New Construction. All road construction projects were closed down for the winter and all the contractors moved out to other work.

Project Construction Program proposal forms have been prepared by the Public Roads Administration for work in connection with changing of the swimming pool site at Old Faithful.

Final acceptance recommendations were made on the South Approach Road, Moran-Yellowstone boundary, Grading and Base Surfacing, 3.7 miles, and the Snake River Bridge, McLaughlin Co, contractors.

Very good progress has been made on the installation of the new furnace in the Canteen Building, Account 410, Major Repair and Rehabilitation. A small amount of lumber was received under Account 512, Prefabricated Wooden Walks.

Concessioners. Mrs. J. E. Haynes was a visitor at Mammoth on December 9 and both Mr. and Mrs. Haynes came to the park on December 30.

In-Service Training. Members of the community and all employees have been kept advised of park happenings through the Yellowstone Weekly News Letter.

Interpretive Service. A special talk was given by the Chief Park Naturalist to the Park County Rod and Gun Club at their annual meeting, December 16. There were about eighty people in attendance. Kodaslides were used as illustrative material.

Museum Activities and Exhibits. The work of completing a check of all museum accessioned and catalogued items has progressed during the month, with over 8,000 individual items to check and 4 cards on each item to check for accuracy. This project of necessity is taking a great deal of time. It is hoped that by the close of January this phase of the museum operations will be current.

Research and Observation. Time during the month was given over to work on place names research. A special letter was prepared on the Steamship Zillah and a search of old records made to prepare this. In answering correspondence requesting detailed information on history of the park and its fauna a lot of library reference work was done.

The preparation of an elaborate statistical chart on the use of interpretive facilities by the public on a fiscal year basis has been started. This project will not be completed until late January.

Increase or Decrease in Travel. Vehicular travel was restricted to the highway between the North and Northeast Entrances, the road being open for the entire month, with the exception of one day. A total of 1197 visitors entered the park in 406 vehicles as compared with 657 visitors in 254 vehicles for the same month last year.

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Increase or Decrease in Travel. Vehicular travel was restricted to the highway between the North and Northeast Entrances, the road being open for the entire month, with the exception of one day. A total of 1197 visitors entered the park in 406 vehicles as compared with 557 visitors in 830 vehicles for the same month last year.

Ranger Service. Continued hunting along the north boundary of the park necessitated daily patrols in the most vulnerable areas and periodic patrols in the more remote sections. Patrols during the night hours were maintained throughout most of the month in the Reese Creek-Stevens Creek-Gardiner area, but even with this coverage, two elk and one deer were illegally killed in this section of the park; a third was illegally killed near Pebble Creek.

Ski patrols were made to cover the following areas during the month: Bechler River, Robinson Creek, Cascade Creek, Harebell Creek, Heart Lake and Aster Creek. Highway patrols for game violations and routine road patrols were maintained in the West Yellowstone and Gallatin areas throughout the month. The game checking station at Tepee Creek has been operated by ranger personnel throughout the month and has been very effective in deterring any illegal killing of elk and deer in this area. This station was operated in cooperation with the Montana Fish and Game Commission during the hunting season, and has been manned after December 1 by ranger personnel. One patrol by ski-plane was made from West Yellowstone to Old Faithful.

Other activities included the compilation of special reports, repair of stable, riding and pack stock equipment, making snow surveys, entrance station duties, and in the formulating of in-service training outlines on safety practices. A large number of Protection Division personnel were on annual leave during the month.

Robert H. Robinson, Park Ranger CAF-5, was granted an extended leave of absence without pay in order to complete his studies for a masters degree at the Colorado A&M College at Ft. Collins, Colorado.

Law Enforcement. Two boys, both minors, from Livingston, Montana, were apprehended by Protection Division personnel after they had illegally killed a deer within the park in the vicinity of Reese Creek. They entered a plea of guilty to the charge before the U. S. Commissioner at Mammoth, and each defendant was ordered to pay a fine of $25.00 in addition to having their firearms confiscated. A 30-day jail sentence was suspended in consideration of their age of 17 years.

Wildlife and Fish Cultural Activities. ANTELOPE. These animals used only the lowest winter range areas from the lower slopes of Mt. Everts to the mouth of Mol Heron Creek. Those which ranged north of the park boundary along the Yellowstone River were constantly disturbed by the activities of elk hunters and one was known to have been killed illegally.

BIGHORN. These animals were observed in about the usual numbers along the Yellowstone River and on the slopes of Mt. Everts. One female was killed illegally north of the park boundary.

COYOTES. Three tagged coyotes were taken during the month and the pertinent information forwarded to the Fish and Wildlife Service Office at Denver. One additional coyote, with a docked ear, had lost the tag and so did not contribute to the migration studies.

Ranger Service. Continued hunting along the north boundary of the park necessitated daily patrols in the most vulnerable areas and periodic patrols in the more remote sections. Patrols during the night hours were maintained throughout most of the month in the Reese Creek-Stevens Creek-Gardiner area, but even with this coverage, two elk and one deer were illegally killed in this section of the park; a third was illegally killed near Pebble Creek.

Ski patrols were made to cover the following areas during the month: Bechler River, Robinson Creek, Cascade Creek, Marshall Creek, Heart Lake and Water Creek. Highway patrols for game violations and routine road patrols were maintained in the West Yellowstone and Gallatin areas throughout the month. The game checking station at Pepsi Creek has been operated by ranger personnel throughout the month and has been very effective in deterring any illegal killing of elk and deer in this area. This station was operated in cooperation with the Montana Fish and Game Commission during the hunting season, and has been manned after December 1 by ranger personnel. The patrol by ski-plane was made from West Yellowstone to Old Faithful.

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Wildlife and Fish Cultural Activities. ANTELOPE. These animals used only the lowest winter range areas from the lower slopes of Mt. Everts to the mouth of Mol Heron Creek. These which ranged north of the park boundary along the Yellowstone River were constantly disturbed by the activities of elk hunters and one was known to have been killed illegally.

MIGRANT. These animals were observed in about the usual numbers along the Yellowstone River and on the slopes of Mt. Everts. One female was killed illegally north of the park boundary.

COYOTES. Three tagged coyotes were taken during the month and the pertinent information forwarded to the Fish and Wildlife Service Office at Denver. One additional coyote, with a docked ear, had lost the tag and so did not contribute to the migration studies.

Coyotes were observed to be quite active in killing fawn deer along the lower Gardiner River and adjacent areas. Four specific cases were investigated but evidence of kills soon disappears so it is probable that total kills by coyotes was considerably greater than reports indicate.

DEER. Small numbers of deer were observed near park headquarters but were not numerous on their normal winter range during December. Many apparently had moved beyond the park boundaries where illegal kills by hunters, after the Montana season had closed, were very high. Eleven illegally killed deer were confiscated and sold at auction by game wardens but field observations showed that many more were killed and left by hunters. It is possible that nearly as many deer were killed illegally as were taken during the regular open season.

ELK. Except for areas which were exposed to frequent high winds which formed heavy snow crusts, the snow remained loose and granular over the winter range. However, increasing depths caused strong migrations of elk to the lower ranges and to outside areas. The heavy concentrations of elk noted along the boundary, but inside the park, had disappeared by the end of the month as the animals had moved across the boundary where they were taken by hunters. Grazing pressure on the lower range was greatly reduced by the large reduction in elk numbers as a result of hunting.

The regular open season on elk in the upper Gallatin area closed on December 1. The final report furnished by the Gallatin National Forest shows that 466 elk were taken which is 66 more than the number set by the Montana Fish and Game Commission. This figure does not include the kill for the extended special season for the lower Gallatin Canyon area. Heavy concentrations of elk inside the park boundary on the lower range were regularly observed during the month. Movements of animals from these concentrations to open hunting territory occurred almost daily and practically all animals which left the parkwere taken by hunters. The Carbella checking station reported that 1,968 were checked out by the close of December 31. A careful check by Montana game wardens showed that approximately 300 additional elk had been taken by local hunters from Gardiner, Jardine, Cooke, and other local people. Since that brought the total to 2,268 it was decided that the District Supervisor would recommend that the Montana Fish and Game Commission close the elk season in Park County at 5:00 p.m. on January 4, as the desired kill of 2,600 animals will be reached by that time.

Forest Fire Protection. The Annual Forestry Report was completed and typed with the exception of the portion on campgrounds. Upon the return of the Park Engineer from annual leave, material for this portion will be assembled and the report completed for transmittal before January 10. Some work was accomplished in the fire cache reconditioning tools; however, much of the month was too cold to work in the fire cache which is not warm enough for work in winter.

Trail Maintenance. Trail Estimates for July 1, 1949, to June 30, 1950, were completed and submitted to the Park Engineer for approval and transmittal.

Yellowstone Park, Wyoming.

Coyotes were observed by the crews while in drifting from day-to-day along the lower Gardiner River and adjacent areas. Most coyotes were investigated but evidence of kills was not discovered so it is probably that total kills by coyotes was considerably greater than is here indicated.

Deer. Small numbers of deer were observed near work locations but were not numerous on main travel routes during the reporting period. Some lingering had moved beyond the park boundaries where illegal kills by hunters, after the Montana season had closed, were very high. Slaves illegally killed deer were confiscated and sold at auction by the Wardens but field observations showed that many more were killed and left by hunters. It is possible that nearly all of the deer were killed illegally as more came during the regular open season.

Elk. Except for areas which were exposed to frequent high winds and formed heavy snow crusts, the snow remained loose and granular over the winter range. However, increasing depths caused strong alternations of elk to the lower ranges and to outside areas. The heavy concentrations of elk noted along the boundary, but inside the park, had disappeared by the end of the month as the animals had moved across the boundary where they were taken by hunters. Greater pressure on the lower range was probably caused by the large reduction in elk numbers as a result of hunting.

The regular over winter census on elk in the upper Gallatin area closed on December 1. The final results tabulated by the Gallatin Wardens showed that 1,600 elk were under count in 26 days when the counts had to be stopped because fish and Game Wardens left the area. This figure does not include the kill for the extended special season for the lower Gallatin during June. Heavy concentrations of elk inside the park boundary on the lower range were regularly observed during the month. Movements of animals from there concentrations to open hunting territory occurred almost daily and practically all animals which left this preserve were taken by hunters. The Gardiner wintering station reported that 1,900 were counted out by the close of December 31. A cooperful check by hunters (see section above) showed that approximately 500 additional elk had been taken by local hunters from Gardiner, Mammoth, Livingston and other local people. Since that brought the total to 2,400 it was doubted that the District Supervisor would recommend that the Montana Fish and Game Commission close the elk season in Tom Bishop at 2,000 plus, as planned, as the desired kill of 2,000 animals had been reached by this time.

Forest Fire Protection. The annual forestry report was completed and typed with the exception of the section on campground use. Upon the return of the Park Ranger from annual leave, material for this section will be assembled and the report completed for transmittal before January 15. Some work was accomplished in the fire case recordkeeping room; however, much of the month was too cold to work in the fire cache which is not warm enough for work in winter.

Trail Maintenance. Trail estimates for July 1, 1949, to June 30, 1950, were completed and submitted to the Park Ranger for approval and transmittal.

Grazing. The "Grazing of Pack and Saddle Stock", Report 6a5, was prepared and transmitted to the Regional Office.

Insects and Tree Diseases. Correspondence was received from the Bureau of Entomology and Plant Quarantine with suggestions for the instigation of spring work on June 13. This is earlier than we had planned and will necessitate a request for additional funds to carry out the program until July 1.

Accidents. Two motor vehicle accidents were reported during the month, both being of a minor nature, with no injuries suffered by the occupants of the cars.

Frank First, District Ranger, CAF-7, suffered a fracture of his left ankle while skiing for recreation on December 26.

Personnel. The services of Lucinda May Bolt, Seasonal Clerk-Stenographer, CAF-3, were terminated at the close of business December 3. The services of Janet M. Evans, Seasonal Clerk-Typist, CAF-3, were terminated at the close of business December 17. The services of George Q. Wheeler, Seasonal Storekeeper (General), CAF-3, were terminated at the close of business December 23.

The transfer and promotion of Charles C. Schmid from the Region Two Office to the position of Storekeeper (General), CAF-6, vice Roy B. Kopisch, was approved by the Director December 16. He entered on duty in the Yellowstone at 8:00 a.m. December 30, the date of his departure from Omaha. He is expected to arrive in the Yellowstone on January 10, taking some leave en route.

All personnel whose services could be spared were granted a half holiday on December 24, preceding Christmas, due to an executive order of the President.

Curtis K. Skinner, Chief Park Ranger, CAF-9, was promoted to Chief Park Ranger, CAF-11, effective December 28, 1948. The position of Chief Park Ranger in the Yellowstone had been reallocated from CAF-9 to CAF-11.

Lawrence W. Vickrey entered on duty as Fiscal Accounting Clerk, CAF-4, a newly established position, effective December 31, 1948, by selection from a Thirteenth Civil Service register.

Births. A son was born to Assistant Chief Ranger and Mrs. William S. Chapman at the Park Hospital in Livingston on December 9.

Miscellaneous. The Parent Teachers Association at Mammoth conducted a very successful white elephant sale in the Canteen on December 3, the proceeds derived from which will be used in connection with Mammoth school activities

Grazing. The "Grazing of Pack and Saddle Stock", Report 6a3, was prepared and transmitted to the Regional Office.

Insects and Tree Diseases. Correspondence was received from the Bureau of Entomology and Plant Quarantine with suggestions for the instigation of spring work on June 13. This is earlier than we had planned and will necessitate a request for additional funds to carry out the program until July 1.

Accidents. Two motor vehicle accidents were reported during the month, both being of a minor nature, with no injuries suffered by the occupants of the cars.

Frank Hirst, District Ranger, CAF-1, suffered a fracture of his left ankle while skiing for recreation on December 26.

Personnel. The services of Lucinda May Bolt, Seasonal Clerk-Stenographer, CAF-3, were terminated at the close of business December 3. The services of Janet M. Evans, Seasonal Clerk-Typist, CAF-1, were terminated at the close of business December 17. The services of George G. Wheeler, Seasonal Storekeeper (General), CAF-3, were terminated at the close of business December 23.

The transfer and promotion of Charles C. Schmid from the Region Two Office to the position of Storekeeper (General), CAF-5, vice Roy B. Kopisch, was approved by the Director December 16. He entered on duty in the Yellowstone at 6:00 a.m. December 30, the date of his departure from Omaha. He is expected to arrive in the Yellowstone on January 10, taking some leave en route.

All personnel whose services could be spared were granted a half holiday on December 24, preceding Christmas, due to an executive order of the President.

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The regular monthly meeting of the Federal Employees Union was held in the Canteen on December 6. The Union sponsored a very successful New Year's program in the Canteen the evening of December 30.

A Christmas program put on by the children of the Mammoth grade school was held in the Canteen December 21. Andrew H. Stewart, as Santa Clause, distributed sacks of nuts, candy, apples and oranges to all the children.

A Christmas program put on by the Mammoth Sunday School was held in the Chapel on Christmas Eve.

Fred T. Johnston,
Acting Superintendent.

cc: Region Two, in quintuple.
File (2)

JJ/ekm

Yellowstone Park, Wyoming.